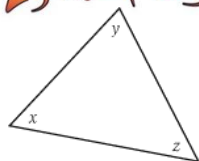


isotope

/ˈɪsəˌtōp/

An **isotope** of a chemical element is an atom that has a different number of neutrons (that is, a greater or lesser atomic mass) than the standard for that element.

Name(s): _____
School: _____



$$x + y + z = 180$$

The sum of the interior angles of a **triangle** will equal 180°.

Batter
Second Base
First Base

Solve the following...

The **Batter** hits towards **2nd** at an angle of **33°**, **2nd** fields the ball and throws to **1st** at an angle of **58°**.

In this **triangle**, what is the angle that the **Batter** runs get to **1st base**?

Answer: _____

Work Space...



The Science of Hitting a Major League Fastball [2 ½ mins]
www.youtube.com/watch?v=RENLMum5wz4&t=3s

Pitcher



Pitcher

other team

Look around the stadium and find where they list the pitching speeds in miles/hour (mph)! Fill in the chart below to compare the two teams.

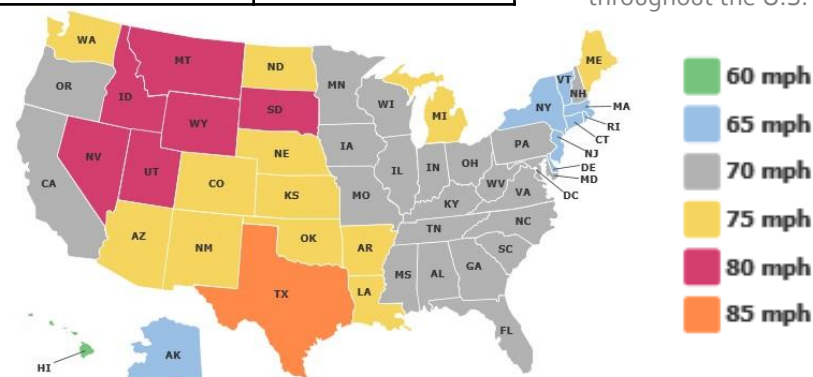
game time - 11:05 am



of Baseball

Fall 2026

Compare the speed of the pitches to the maximum posted daytime speed limits on rural interstates throughout the U.S.



Pick two players and fill out the chart below with the following **STATISTICS** when they are up to bat. *At Bats* (AB) and *Hits* (H) are used to calculate each player's *Batting Average* (BA).

$$H/AB = BA$$

Last Name	At Bats (AB)	Run Batted In (RBI)	Hits (H)	Home Runs (HR)	Strike Outs (SO)	Batting Average (BA)

Consider the chart of **STATISTICS** above - which ball player would you want on your team?